

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	36	(edge\$1 transition\$2 "duty cycle") same sample\$3 near5 (count\$3 clock) same deviat\$4 same (compar\$3 control\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 11:56
S2	434	(edge\$1 transition\$2 "duty cycle") same sample\$3 near5 (count\$3 clock) and deviat\$4 same (compar\$3 control\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 13:11
S3	14	((signal data symbol pulse) near5 quality) same (edge transit\$3) same (jitter pulse) near4 (deviation difference)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 12:54
S4	0	((signal data symbol pulse) near5 quality) same ((edge transit\$3) near4 (detect\$4)) same (count\$3 clock) same ((deviation difference) near3 detect)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 12:57
S5	6	((signal data symbol pulse) near5 quality) same ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) same ((deviation difference) near3 detect)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 12:57
S6	12	((signal data symbol pulse) near5 quality) same ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) same ((deviation difference) near3 detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 07:48
S7	124	((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) same ((deviation difference) near3 detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 13:03
S8	9	((signal data symbol pulse) near5 quality) and sample\$3 and ((edge transit\$3) near7 (detect\$4)) and (count\$3 clock "duty cycle") same ((deviation difference) near3 detect\$3)) and (375/224 375/225 375/226 375/355 375/354 375/231 375/236 375/340 370/359 370/360 340/514 327/265 327/170 327/175 327/172).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 17:05
S9	39	((edge\$1 transition\$2 "duty cycle") same sample\$3 near5 (count\$3 clock) and deviat\$4 same (compar\$3 control\$3)) and (375/224 375/225 375/226 375/355 375/354 375/231 375/236 375/340 370/359 370/360 340/514 327/265 327/170 327/175 327/172).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 14:18

S10	60	(sampl\$3 and ((edge transition) near4 detect\$3) and count\$3 and ((deviation difference) near4 detect\$3)) and (375/224 375/225 375/226 375/355 375/354 375/231 375/236 375/340 370/359 370/360 340/514 327/265 327/170 327/175 327/172).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:09
S11	36	"5566022"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:19
S12	9	"5903605"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:31
S13	0	05-235910	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:31
S14	0	jp-05-235910	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:31
S15	19	"235910"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:32
S16	15350005	jp 05-235910	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:32
S17	0	jp-2001-289892	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:33
S18	0	JP-2001-289892	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:33
S19	0	04-038297	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:39
S20	0	JP-04-038297	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:40

S21	0	04-038297.pran.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:41
S22	0	JP-2000-291636.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:41
S23	0	JP-2000-291636.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:41
S24	0	JP-2000-291636	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:41
S25	0	jp-2000-291636	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:41
S26	0	JP-04-038297	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 15:41
S27	36600	((detect\$3 near5 (edge transition\$3)) same ((count\$3 detect\$3) near5 (pulse signal symbol data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 16:56
S28	498	((detect\$3 near5 (edge transition\$3)) same ((count\$3 detect\$3) near5 (pulse signal symbol data)) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 16:57
S29	498	((detect\$3 near5 (edge transition\$3)) same ((count\$3 detect\$3) near5 (pulse signal symbol data))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 16:57
S30	13	((detect\$3 near5 (edge transition\$3)) same ((count\$3 detect\$3) near5 (pulse signal symbol data)) same ((pulse signal symbol data) near5 (quality))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 16:58

S31	9	((signal data symbol pulse) near5 quality) and sample\$3 and ((edge transit\$3) near7 (detect\$4)) and (count\$3 clock) same ((deviation difference) near3 detect\$3)) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 17:08
S32	16	"5280637"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 17:14
S33	0	EP0289384A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 17:14
S34	0	EP0289384A.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 17:34
S35	1	"0289384".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/22 17:34
S36	421	(sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 07:50
S37	11028	(sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3)) (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/26 14:09
S38	18	(sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3)) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 07:50

S39	18	((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 12:41
S40	3	((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.) and PPM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 12:55
S41	1	((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.) and "Pulse Position Modulation"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 13:11
S43	4	((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and (((deviation difference) near3 detect\$3) same compar\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 13:44
S44	9	((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.) and (preamble prefix guard header)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/26 11:57
S45	135	(mux) and (table) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 14:17

S46	46	((mux) and (table) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.) and quality	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/26 13:54
S47	52	((sample\$3) and (edge transition\$3) and (deviat\$3 difference\$3) and count\$3 and (mux) and (table) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 14:30
S48	261	((sample\$3) and (edge transition\$3) and (deviat\$3 difference\$3) and count\$3 and (table) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 14:31
S49	66	(quality near4 (signal symbol pulse bit data)) and ((sample\$3) and (edge transition\$3) and (deviat\$3 difference\$3) and count\$3 and (table) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 14:32
S50	15	(((((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.)) and (select\$3 mux multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 15:31
S51	582358	(count\$3 and up)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 15:46
S52	0	((count\$3 and up) with "N modulo") same (edge near4 detect)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 15:47
S53	10	((count\$3 and up) same (edge near4 detect)) and ((signal symbol data pulse) near4 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 15:50
S54	6	((count\$3 near6 up) same (edge near4 detect)) and ((signal symbol data pulse) near4 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/23 15:51

S55	1	(((((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.)) and (infrared ir)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/26 11:58
S56	8	(((((sample adc conver\$3) and (((signal data symbol pulse) near5 quality) and ((edge transit\$3) near4 (detect\$4)) and (count\$3 clock) and ((deviation difference) near3 detect\$3))) and (375/224 375/225 375/226 375/239 375/355 375/354 375/231 375/236 375/340 370/359 370/360).ccls.) and (prefix header preamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/26 14:09
S57	11	sampl\$3 and (edge near2 detect\$3) and (count\$2 near2 clock) and (deviat\$3 near2 detect\$3) and (absolute adj2 value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 11:06
S58	11	S57 and ad<="20000710"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 12:10
S59	1	sampl\$3 same (edge near2 detect\$3) same (count\$2 near2 clock) same (deviat\$3 near2 detect\$3) same (absolute adj2 value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 11:06
S60	2	sampl\$3 same (edge near2 detect\$3) same (count\$2 near2 clock) same (deviat\$3 near2 detect\$3) and (absolute adj2 value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 11:07
S61	2	"3987422".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 11:52

S62	0	"an apparatus for determining the quality of a digital signal, comprising a sampler using clock cycles for sampling the digital signal with a number n of samples per defined pulse width, whereby n = 1: an edge detector for detecting an edge of a pulse of the sampled digital signal; a counter for counting the clock cycles between edges detected by the edge detector; deviation detector being able to compare the counted clock cycles with a prestored reference-value in order to provide a deviation value as a measure for the instantaneous quality of the digital signal; and an absolute-value limiter unit for generating an absolute deviation value in response to the deviation value and a storage latch for storing the absolute deviation value"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 12:04
S63	0	"an apparatus for determining the quality of a digital signal" and "comprising a sampler using clock cycles for sampling the digital signal" and "an edge detector for detecting an edge of a pulse of the sampled digital signal" and "a counter for counting the clock cycles between edges detected by the edge detector" and "deviation detector being able to compare the counted clock cycles" and "an absolute-value limiter unit for generating an absolute deviation value in response to the deviation value and a storage latch for storing the absolute deviation value"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 11:59
S64	30432942	apparatus for determining the quality of a digital signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 12:00
S65	0	apparatus for determining the quality of a digital signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/08/15 12:01
S66	0	apparatus for determining the quality of a digital signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/08/15 12:08

S67	15	apparatus for determining the quality of a digital signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2005/08/15 12:03
S68	0	an apparatus for determining the quality of a digital signal comprising a sampler using clock cycles for sampling the digital signal with a number n of samples per defined pulse width whereby an edge detector for detecting an edge of a pulse of the sampled digital signal a counter for counting the clock cycles between edges detected by the edge detector deviation detector being able to compare the counted clock cycles with a prestored reference value in order to provide a deviation value as a measure for the instantaneous quality of the digital signal and an absolute value limiter unit for generating an absolute deviation value in response to the deviation value and a storage latch for storing the absolute deviation value	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2005/08/15 12:06
S69	0	an apparatus for determining the quality of a digital signal comprising a sampler using clock cycles for sampling the digital signal with a number n of samples per defined pulse width whereby an edge detector for detecting an edge of a pulse of the sampled digital signal a counter for counting the clock cycles between edges detected by the edge detector deviation detector being able to compare the counted clock cycles with a prestored reference value in order to provide a deviation value as a measure for the instantaneous quality of the digital signal and an absolute value limiter unit for generating an absolute deviation value in response to the deviation value and a storage latch for storing the absolute deviation value	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2005/08/15 12:06
S70	0	S67 and (375/224.ccls. 340/870. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/08/15 12:09

S71	0	S69 and (375/224.ccls. 340/870. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/08/15 12:09
S72	11	sampl\$3 and (edge near2 detect\$3) and (count\$2 near2 clock) and (deviat\$3 near2 detect\$3) and (absolute adj2 value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 12:10
S73	6	S72 and @ad<="20000710"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/15 12:10